Table ENG-6. - Sanitary Facilities

Charles City County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A: Altavista	80	Very limited Depth to saturated zone Seepage	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.86
Tomotley		Not Rated		Not Rated		Not Rated	
2A:							
Augusta	80	Very limited Depth to saturated zone Too Sandy	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too Sandy	1.00 0.50
Tomotley		Not Rated		Not Rated		Not Rated	
3A: Bethera	80	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00
		zone Ponding Too clayey	1.00 0.50	zone Ponding	1.00	zone Ponding Too clayey	1.00 0.50
4A:							
Bibb	80	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
5A:							
Bojac	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
5B:							
Bojac	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Seepage Too Sandy	1.00 0.50
6B:							
Caroline	80	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00

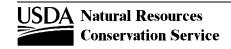
Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B: Caroline	50	Very limited Depth to saturated zone Too clayey	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
Emporia	30	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
7C:							
Caroline	50	Very limited Depth to saturated zone Too clayey	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
Emporia	30	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
8B:							
Catpoint	80	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Nimmo		Not Rated		Not Rated		Not Rated	
9A:							
Chickahominy	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
10A:							
Chickahominy	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey Ponding	1.00 1.00	Ponding	1.00	Too clayey Ponding	1.00 1.00
11B:							
Conetoe	80	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
12B:							



Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:	•		•				•
Craven	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated	1.00 0.47
		Too clayey	1.00			zone	
13C3:							
Craven	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
14B:							
Craven	55	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Depth to saturated	1.00	Too clayey	1.00
		zone Too clayey	1.00	zone		Depth to saturated zone	0.47
Caroline	25	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Too clayey	1.00	20110			
15C3:							
Craven	55	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
Caroline	25	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
16C:							
Craven	50	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey Depth to saturated	1.00 0.47
		Too clayey	1.00			zone	
Remlik	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00		
17C:							
Craven	40	Very limited		Very limited		Very limited	
		Depth to saturated zone Too clayey	1.00	Depth to saturated zone	1.00	Too clayey Depth to saturated zone	1.00 0.47



Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C:							
Uchee	40	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Hard to compact	0.50
		Too clayey	0.50	Seepage	1.00		
18A:							
Dogue	80	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Depth to saturated	1.00	Too clayey	1.00
		zone Too clayey	1.00	zone		Depth to saturated zone	0.68
18B:							
Dogue	80	Very limited		Very limited		Very limited	
· ·		Depth to saturated	1.00	Depth to saturated	1.00	Too clayey	1.00
		zone	4.00	zone		Depth to saturated	0.68
		Too clayey	1.00			zone	
18C:							
Dogue	80	Very limited	4.00	Very limited	4.00	Very limited	4.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey Depth to saturated	1.00 0.68
		Too clayey	1.00			zone	0.00
19A:							
Dragston	80	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Depth to saturated	1.00	Too Sandy	1.00
		zone Seepage	1.00	zone Seepage	1.00	Seepage	1.00
		Too Sandy	1.00	Осорадо	1.00	Depth to saturated zone	0.96
Nimmo		Not Rated		Not Rated		Not Rated	
20B:							
Emporia	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
21B:							
Emporia	80	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
22B:							
Emporia	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
23B:							



Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
aa coac	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:	•						
Emporia	50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Too clayey	1.00				
Kempsville	30	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
24B:							
Izagora	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey Depth to saturated zone	0.50 0.47
25B:							
Kempsville	80	Not limited		Very limited Seepage	1.00	Somewhat limited Seepage	0.50
26A:							
Lawnes	80	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00	Very limited Flooding Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
27B:							
Masada	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
28B3:							
Masada	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
29A:							
Mattan	80	Very limited		Very limited		Very limited	
		Flooding Depth to saturated zone	1.00 1.00	Flooding Ponding Depth to saturated	1.00 1.00 1.00	Ponding Depth to saturated zone	1.00 1.00
		Ponding	1.00	zone	1.00	Too Sandy	0.50
30A:							
Munden	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage Depth to saturated	1.00 0.86
		Too Sandy Seepage	1.00 1.00	Seepage	1.00	zone Too Sandy	0.50
Nimmo		Not Rated		Not Rated		Not Rated	
31A:							

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31A:							
Nahunta	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.96
WET SPOTS		Not Rated		Not Rated		Not Rated	
32B:							
Nansemond	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.86
		Too Sandy	1.00	Seepage	1.00	Seepage	0.50
		Seepage	1.00			Too Sandy	0.50
WET SPOTS		Not Rated		Not Rated		Not Rated	
33A:							
Nawney	80	Very limited		Very limited		Very limited	
		Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to saturated zone	1.00 1.00	Depth to saturated zone	1.00
34A:							
Nawney	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Ponding Depth to saturated	1.00 1.00	Ponding Depth to saturated	1.00 1.00
		Ponding	1.00	zone		zone	
35D:							
Nevarc	45	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey Slope	1.00 0.84
		Too clayey Seepage	1.00 1.00	Slope	0.84	Depth to saturated zone	0.68
Remlik	35	Very limited		Very limited		Very limited	
· Commit	00	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage Slope	1.00 0.84
		Seepage	1.00	Seepage	1.00	Slope	0.04
		Slope	0.84	Slope	0.84		
35E:							
Nevarc	45	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Slope	1.00	Slope	1.00
		zone Slope	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	20110		Depth to saturated zone	0.68

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill	Sanitary		Area Sanitary Landfill		
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35E:		.,					
Remlik	35	Very limited	4.00	Very limited	4.00	Very limited	4.00
		Depth to saturated zone	1.00	Slope Depth to saturated	1.00 1.00	Slope	1.00 1.00
		Slope	1.00	zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00		
35F:							
Nevarc	45	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Slope	1.00	Slope	1.00
		zone		Depth to saturated	1.00	Too clayey	1.00
		Slope	1.00	zone		Depth to saturated	0.68
		Too clayey	1.00			zone	
Remlik	35	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Slope	1.00	Slope	1.00
		zone	4.00	Depth to saturated	1.00	Seepage	1.00
		Slope	1.00 1.00	zone	1.00		
		Seepage	1.00	Seepage	1.00		
36A:							
Newflat	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	zone		Depth to saturated zone	1.00
		,.,					
37A:							
Nimmo	80	Very limited	4.00	Very limited	4.00	Very limited	4.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too Sandy	1.00	Seepage	1.00	Too Sandy	1.00
		Seepage	1.00			Seepage	1.00
WET SPOTS		Not Rated		Not Rated		Not Rated	
38A:							
Pamunkey	80	Very limited		Not limited		Somewhat limited	
r amarikoy	00	Seepage	1.00	Ttot iiiiitou		Too clayey	0.50
		Too clayey	0.50			100 dayoy	0.00
200.							
38B: Pamunkey	80	Very limited		Not limited		Somewhat limited	
Faillulikey	00	Seepage	1.00	Not littled		Too clayey	0.50
		Too clayey	0.50			100 dayey	0.50
200.							
38C: Pamunkey	80	Very limited		Not limited		Somewhat limited	
i ailiulikey	00	Seepage	1.00	140t IIIIIItea		Too clayey	0.50
		Too clayey	0.50			100 Glayey	0.50
			0.00				
39A:							

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and osmittanio	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39A:	•						•
Peawick	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey Depth to saturated	1.00 0.68
		Too clayey	1.00			zone	0.00
39B:							
Peawick	80	Very limited		Very limited		Very limited	
		Depth to saturated	1.00	Depth to saturated	1.00	Too clayey	1.00
		zone Too clayey	1.00	zone		Depth to saturated zone	0.68
		100 dayey	1.00			20110	
40A:	00	Manus linaita d		Mama line idea d		Many line ite d	
Roanoke	80	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00
		zone	1.00	zone	1.00	zone	1.00
		Too clayey	1.00			Too clayey	1.00
		Seepage	1.00				
41A:							
Seabrook	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy Seepage	1.00 1.00
		Seepage	1.00	Seepage	1.00	Depth to saturated	0.09
		Too Sandy	1.00			zone	
42B:							
Slagle	80	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.68
		20110		20110		Zone	
43B:	4-	N/ 12 % 1				0 1 1 1 1 1	
Slagle	45	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00	Somewhat limited Depth to saturated	0.68
		zone	1.00	zone	1.00	zone	0.00
Emporia	35	Very limited		Very limited		Very limited	
Empona	00	Depth to saturated	1.00	Depth to saturated	1.00	Too clayey	1.00
		zone		zone			
		Too clayey	1.00				
44A:							
Tomotley	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
AED.							
45B: Turbeville	80	Somewhat limited		Not limited		Somewhat limited	
TUTDEVIIIE	30	Too clayey	0.50	NOT IIIIIIGU		Too clayey	0.50
		, - ,				Hard to compact	0.50

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
46B: Uchee	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone Seepage	1.00	Somewhat limited Hard to compact	0.50
47B: Udorthents	80	Not Rated		Not Rated		Not Rated	
48B: Udorthents	80	Not Rated		Not Rated		Not Rated	
49A: Wickham	80	Not limited		Not limited		Not limited	
49B: Wickham	80	Not limited		Not limited		Not limited	
50B3: Wickham	80	Not limited		Not limited		Not limited	
51A: Yeopim	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone Too clayey	0.68 0.50
51B: Yeopim	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone Too clayey	0.68 0.50
W: Water	100	Not Rated		Not Rated		Not Rated	